

Process for the preparation of ketocarotenoids in genetically modified, nonhuman organisms

Abstract

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The present invention relates to a process for the preparation of ketocarotenoids by culturing genetically modified organisms which in comparison with the wild-type have a modified ketolase activity and a modified  $\beta$ -cyclase activity, to the genetically modified organisms, and to their use as foodstuffs and feedstuffs for the production of

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ketocarotenoid extracts.